

# NM EQIP FY 2005 Ranking Criteria Worksheet - Irrigated Cropland - Artesia F.O.

Applicant \_\_\_\_\_ Farm No. \_\_\_\_\_ Tract No. \_\_\_\_\_ CMS Field No's. \_\_\_\_\_ Date \_\_\_\_\_

Tribal Land \_\_\_\_\_ Non-Tribal Land \_\_\_\_\_ Preliminary \_\_\_\_\_ Final \_\_\_\_\_

## 1. Water Quantity - 60 Potential Points (20-40% of Total)

Irrigation Efficiency - Use FIRS to evaluate. Benchmark & After points equal actual % efficiency times any multiplier. Total equals after minus benchmark pts.			Potential Points	Benchmark Points	After Points
% Efficiency	% of Area in Contract before Treatment	% of Area in Contract After Treatment			
			60		
<b>1. Water Quantity</b>			<b>Total</b>		

## 2. Water Quality - 45 Potential Points (20-40% of Total)

A. Surface Water Pollutants - 20 Maximum Points			
There is a probability that runoff water from irrigated fields contains sediment, salt, pesticides, and/or nutrients (or other associated chemicals). Treatment is needed to prevent these pollutants from entering live waters, or re-entering a shared irrigation system. Points will be awarded based on distance from the end of the field to the nearest live waters or re-entry point into a shared system. If there is no run-off, after points will be 0.			
Distance of Surface Run-Off to Live Water	Potential Points	Benchmark Points	After Points
<100 Feet	20	0	
101 - 500 Ft.	15	0	
501 - 1,320 Ft.	10	0	
1,321 - 2,640 Ft.	5	0	
>2,640 Feet	0	0	
A. Surface Water	<b>Total</b>	0	
B. Ground Water Pollutants - <u>25</u> Maximum Points			
There is a probability that irrigation water containing salt, pesticides, and/or other nutrients (or other associated chemicals) is leaching into the ground water. Treatment is needed to prevent these pollutants from contaminating ground water, through leaching and/or direct flow into wells. Points will be awarded based on depth to the water table or elimination of any direct discharge to ground water (regardless of depth to the water table).			
Depth to Water Table	Potential Points	Benchmark Points	After Points
1 - 10 Ft or elimination of any direct discharge into ground water.	25		
10 - 50 Ft.	20		
50 -100 Ft.	10		
>100 Ft.	5		
B. Ground Water			
<b>2. Water Quality</b>	<b>Total</b>		

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### 3. Selected Conservation Practice(s) - 105 Potential Points (25-50% of Total)

Any practice used in the ranking criteria and intended to be included in the conservation schedule of operations must be cost-shared or have an incentive payment. Higher priority (value) should be given to those practices which address multiple resource concerns, are cost effective, and have longer life spans. Select resource concerns from NM Quality Criteria Guide.	Potential Points	Percent of Need to be Installed	After Points
<b>Soil Erosion (Irrigation Induced)</b>			
442 - Irr. System sprinkler (LESA or LEPA)(20yr)	15		
441 - Irr. System Microirrigation (Drip) (10 yr)	20		
464 - Irr. Land Leveling (15 yr)	10		
<b>Water Quality (Ground water contaminants)</b>			
587 Chemigation valve (10 yr)	5		
<b>Water Quantity (Inefficient water use on irrigated land)</b>			
442 - Irr. System sprinkler (LESA or LEPA) (20 yr)	15		
441 - Irr. System Microirrigation (Drip) (10 yr)	20		
464 - Irr. Land Leveling (15 yr)	10		
430 - Irr. Pipeline (20 yr)	10		
<b>3. Selected Conservation Practices</b>	<b>Total</b>		

### 4. Other Considerations - 40 Potential Points (10-25% of Total)

Items A thru D are required. If there are other criteria the D.C. wants to recommend based on LWG advice, please include it as item E.	Potential Points	Benchmark Points	After Points
A. At risk species habitat will be enhanced.	10	0	
B. Treatment of this land could have a beneficial impact on a 303d listed stream segment.	10	0	
C. Treatment of this land could enhance the benefits of an active/planned section 319 proj	10	0	
D. The land is within a NMED designated Category I watershed.	10	0	
	0	0	
<b>4. Other Considerations</b>	<b>Total</b>	0	

Total Points (After minus Benchmark): Sec 1\_\_\_\_\_ Sec 2\_\_\_\_\_ Sec 3\_\_\_\_\_ Sec 4\_\_\_\_\_ Worksheet Total\_\_\_\_\_

\_\_\_\_\_  
Designated Conservationist

\_\_\_\_\_  
Date

Revised Nov. 2003

Attachment 4 of 6 to New Mexico Bulletin No. 300-5-04